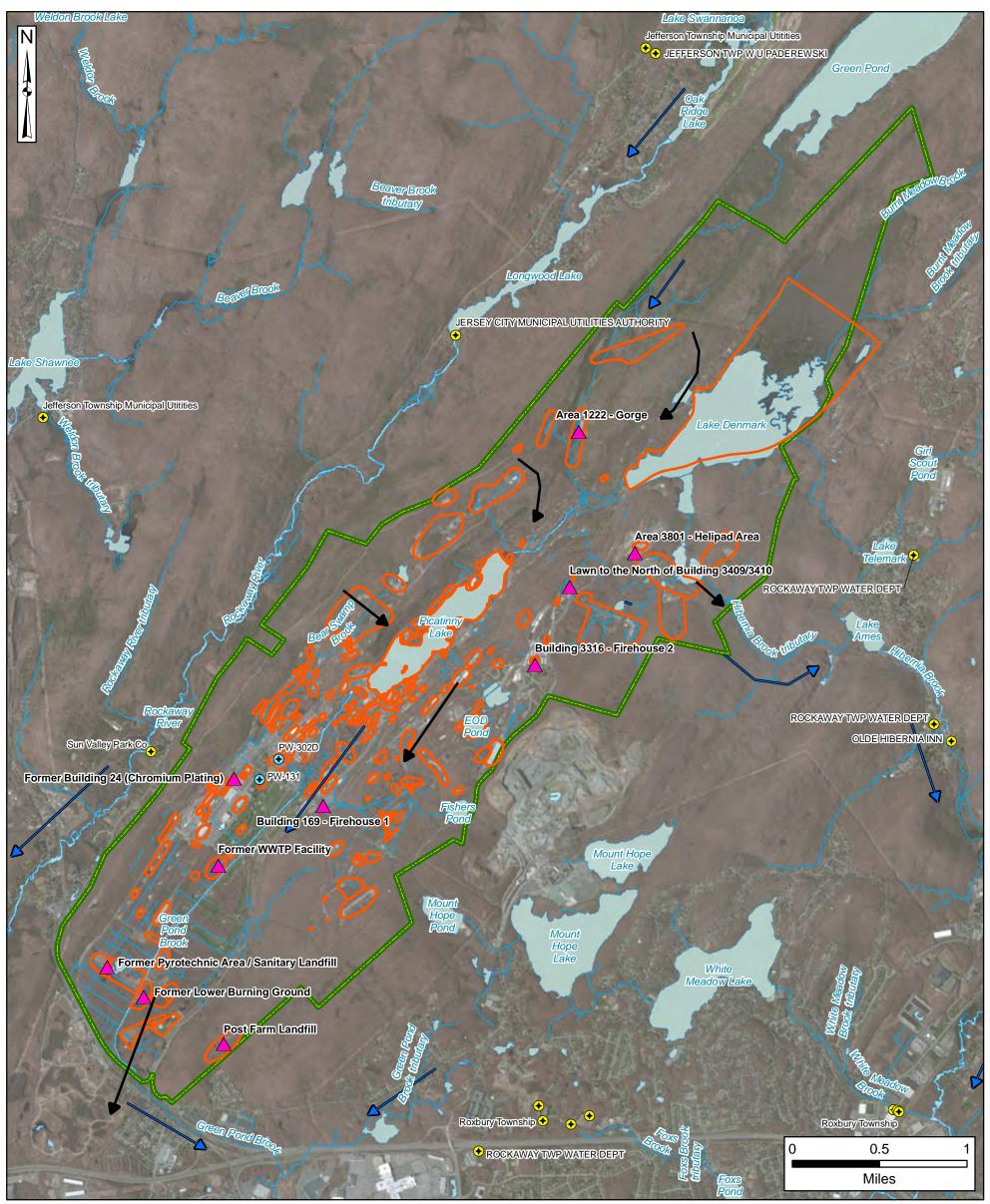
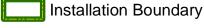


Figure 1 AOPI Locations





River/Stream



→ Groundwater Flow Direction

Surface Water Flow Direction

▲ AOPI Location

- Water Supply Well (On-Installation)
- ◆ Water Supply Well (Off-Installation)
- Installation Restoration Program Site Area (Shaw, 2008)

Data Sources:
Picatinny Arsenal, GIS Data, 2018
EDR, Well Data, 2018
CEA, Well Data, 2018
ESRI ArcGIS Online, Aerial Imagery



Figure 2 AOPI Former Pyrotechnic Area and Sanitary Landfill





AOPI Location



AFFF Use Area Potential PFAS Release/Spray Field

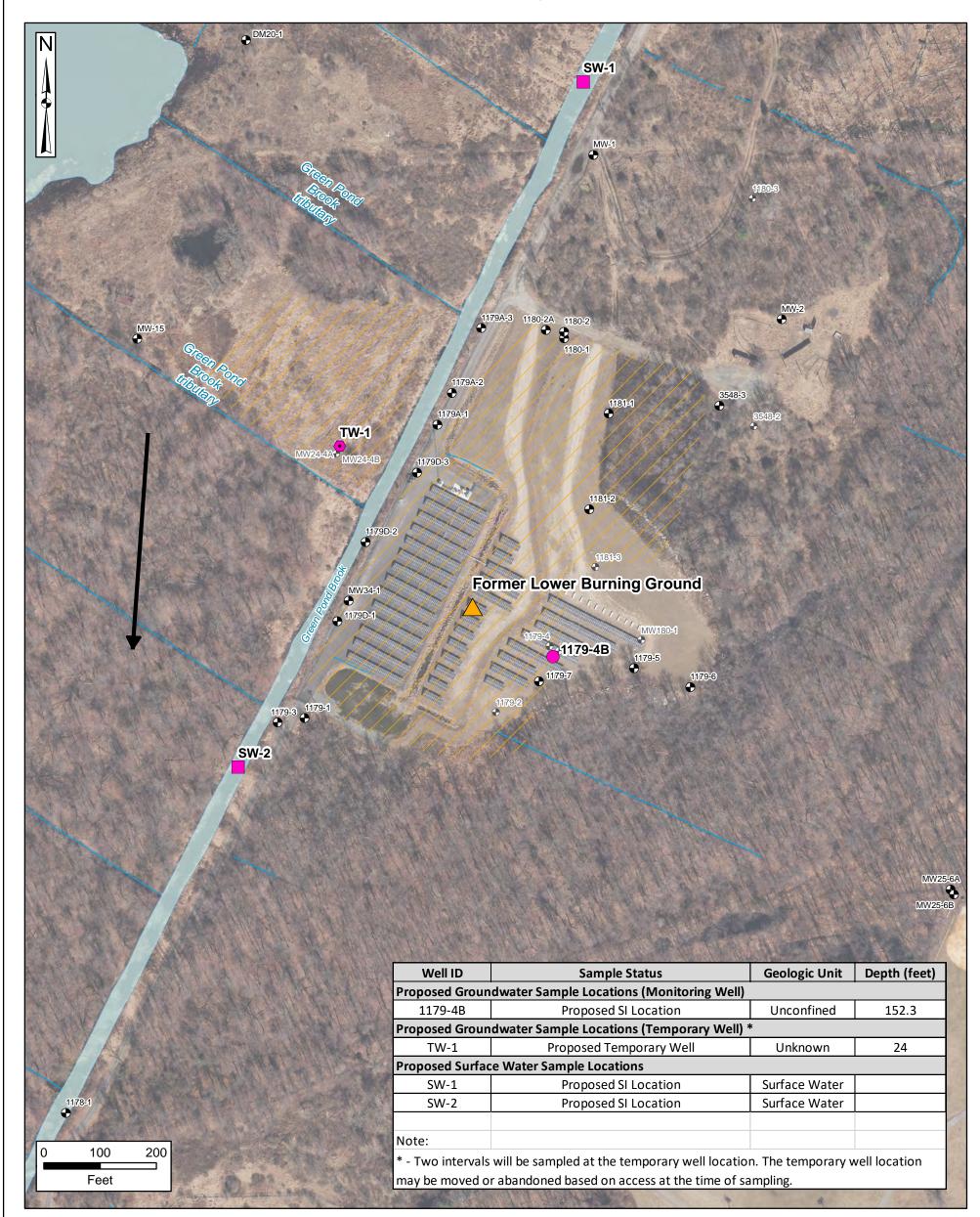


Well (Abandoned / Not Located)

Assumed Groundwater Flow Direction



Figure 3 AOPI Former Lower Burning Grounds and Sanitary Landfill Proposed Sampling Locations





AOPI Location

- ✓ AFFF Use Area◆ Well
 - Well (Abandoned / Not Located)
- Assumed Groundwater Flow Direction

Groundwater Sampling Locations

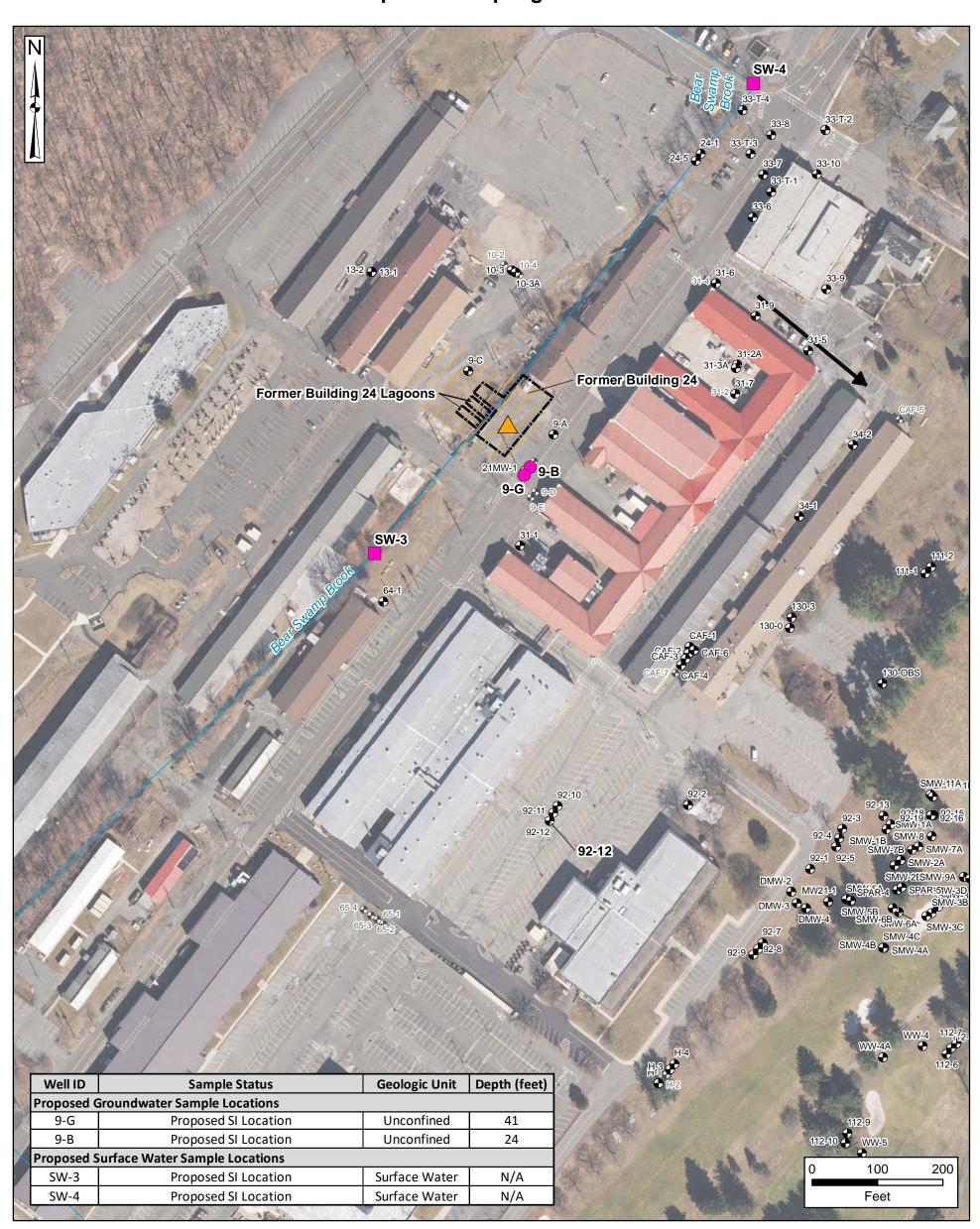
- Proposed Sample Location for SI (Monitoring Well)
- Proposed Sample Location for SI (Temporary Well)

Surface Water Sampling Locations

Proposed Sample Location for SI



Figure 4 AOPI Former Building 24 Proposed Sampling Locations





AOPI Location

AFFF Use Area



Former Chromium Plating Structure

Wel

Assumed Groundwater Flow Direction

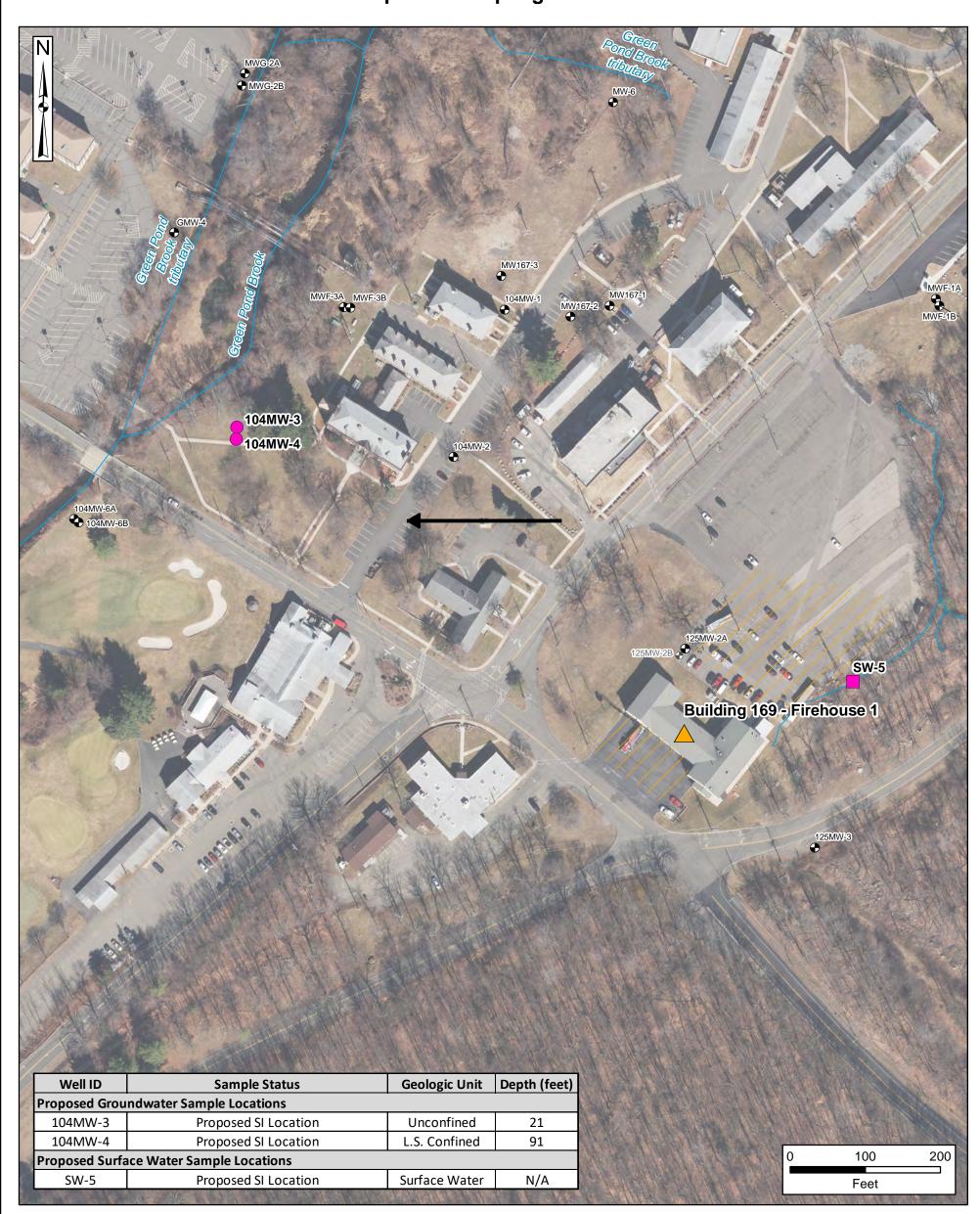
Groundwater Sampling Locations

Proposed New Sample Location for SI

Surface Water Sampling Locations



Figure 5 AOPI Building 169 - Firehouse 1 Proposed Sampling Locations





AOPI Location

/ AFFF Use Area

Well

Well (Abandoned / Not Located)

Assumed Groundwater Flow Direction

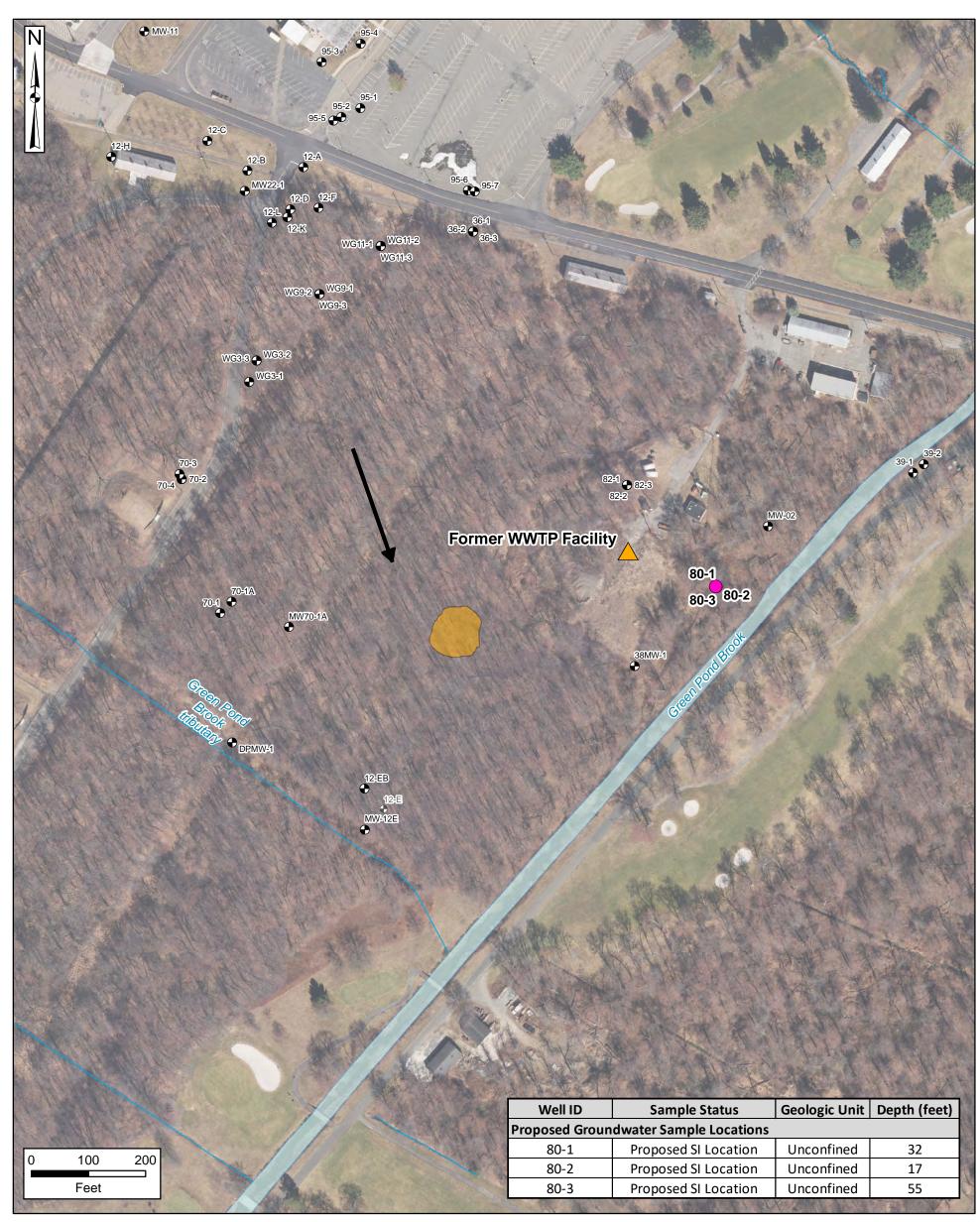
Groundwater Sampling Locations

Proposed Sample Location for SI

Surface Water Sampling Locations



Figure 6 AOPI Former WWTP Facility Proposed Sampling Locations





AOPI Location

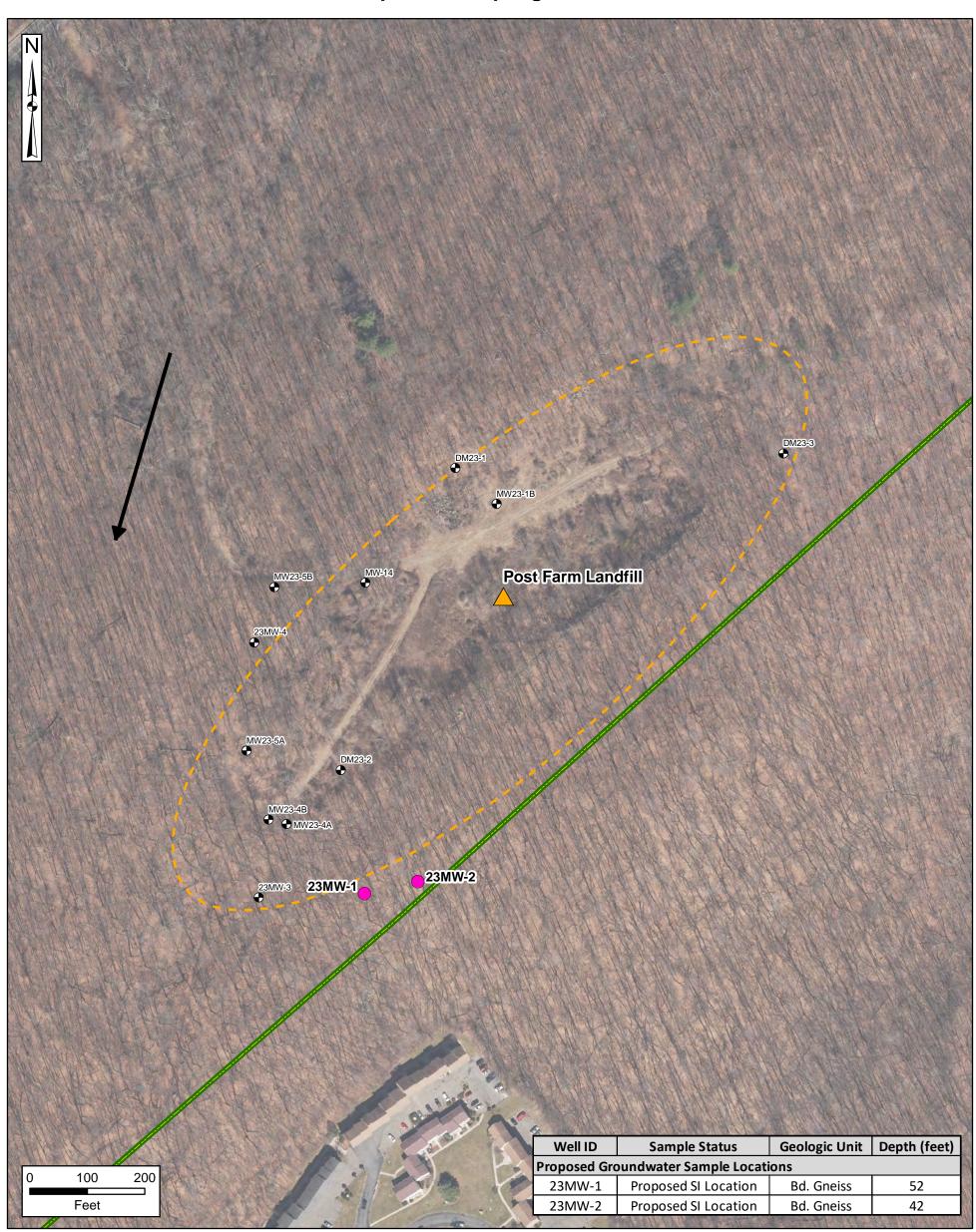
Approximate Location of Leach Fields

- Wel
- Well (Abandoned / Not Located)
- Assumed Groundwater Flow Direction

Groundwater Sampling Locations



Figure 7 AOPI Post Farm Landfill Proposed Sampling Locations





AOPI Location

Approx. Historical Dumping Area

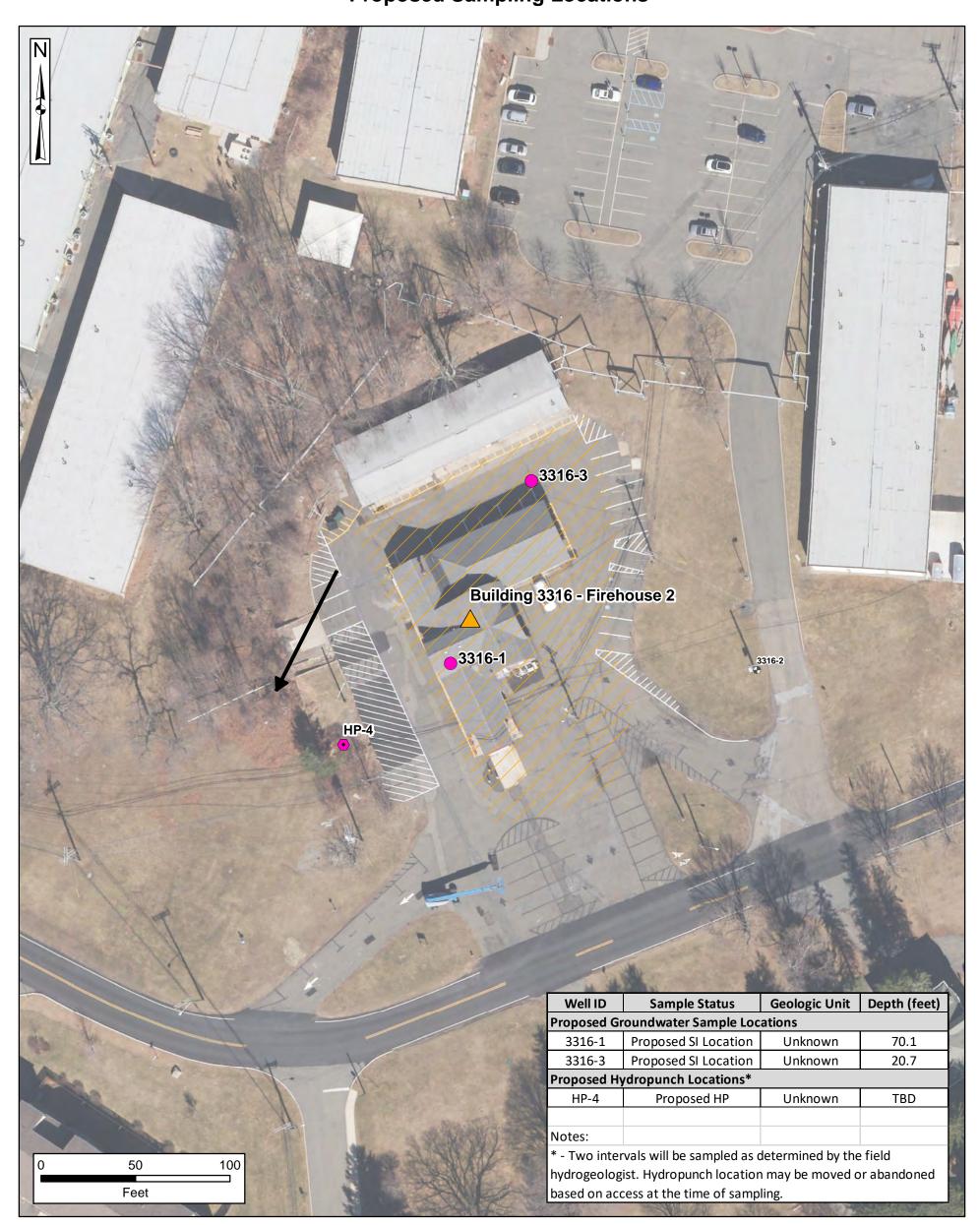
Well

Assumed Groundwater Flow Direction

Groundwater Sampling Locations



Figure 8 **AOPI Building 3316 - Firehouse 2 Proposed Sampling Locations**





AOPI Location



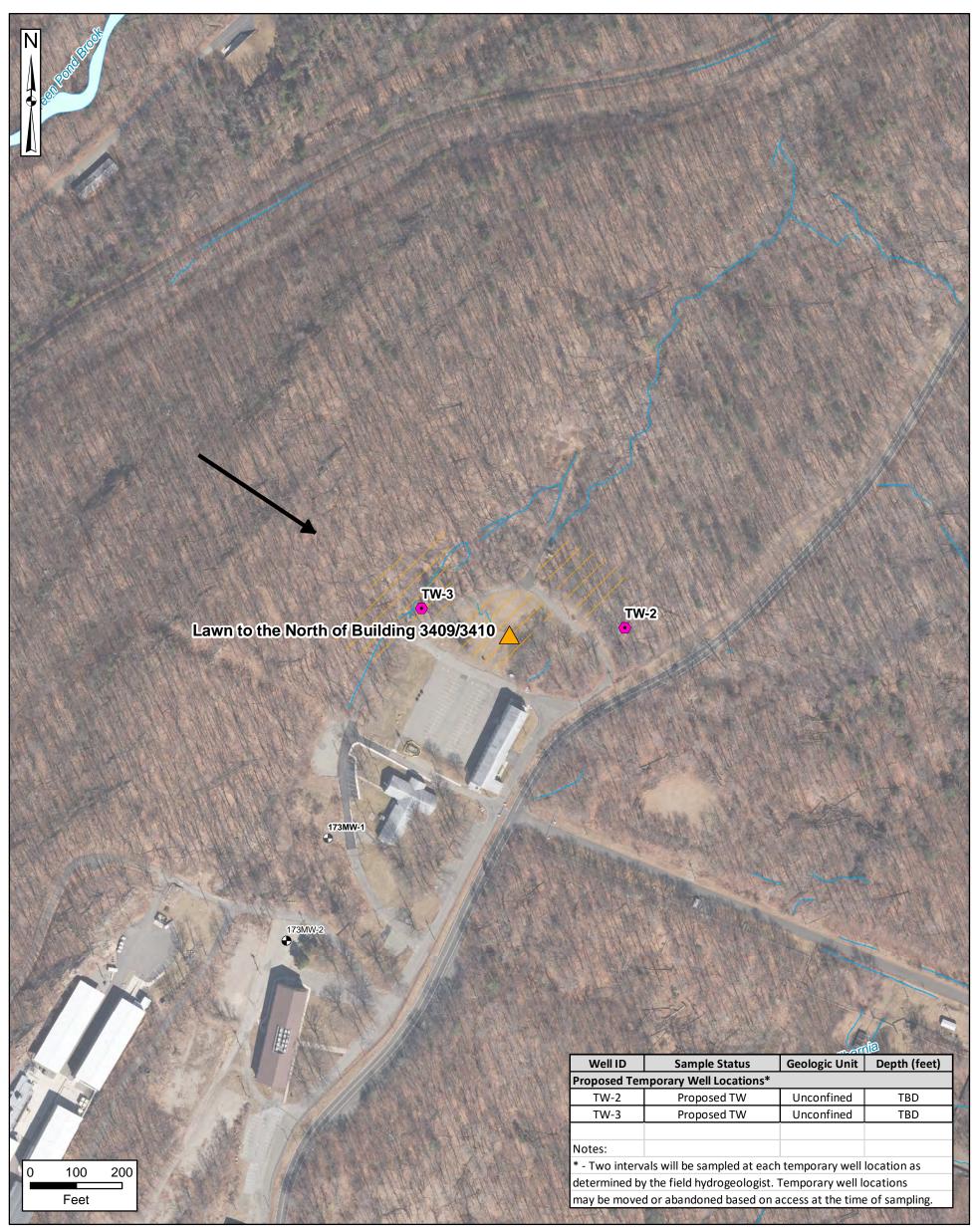
- Well
- Well (Abandoned / Not Located)
- **Assumed Groundwater Flow Direction**

Groundwater Sampling Locations

- Proposed Sample Location for SI
- Proposed Hydropunch Sample Location



Figure 9 AOPI Lawn to the North of Building 3409/3410 Proposed Sampling Locations





AOPI Location

AFFF Use Area
Well

Well (Abandoned / Not Located)

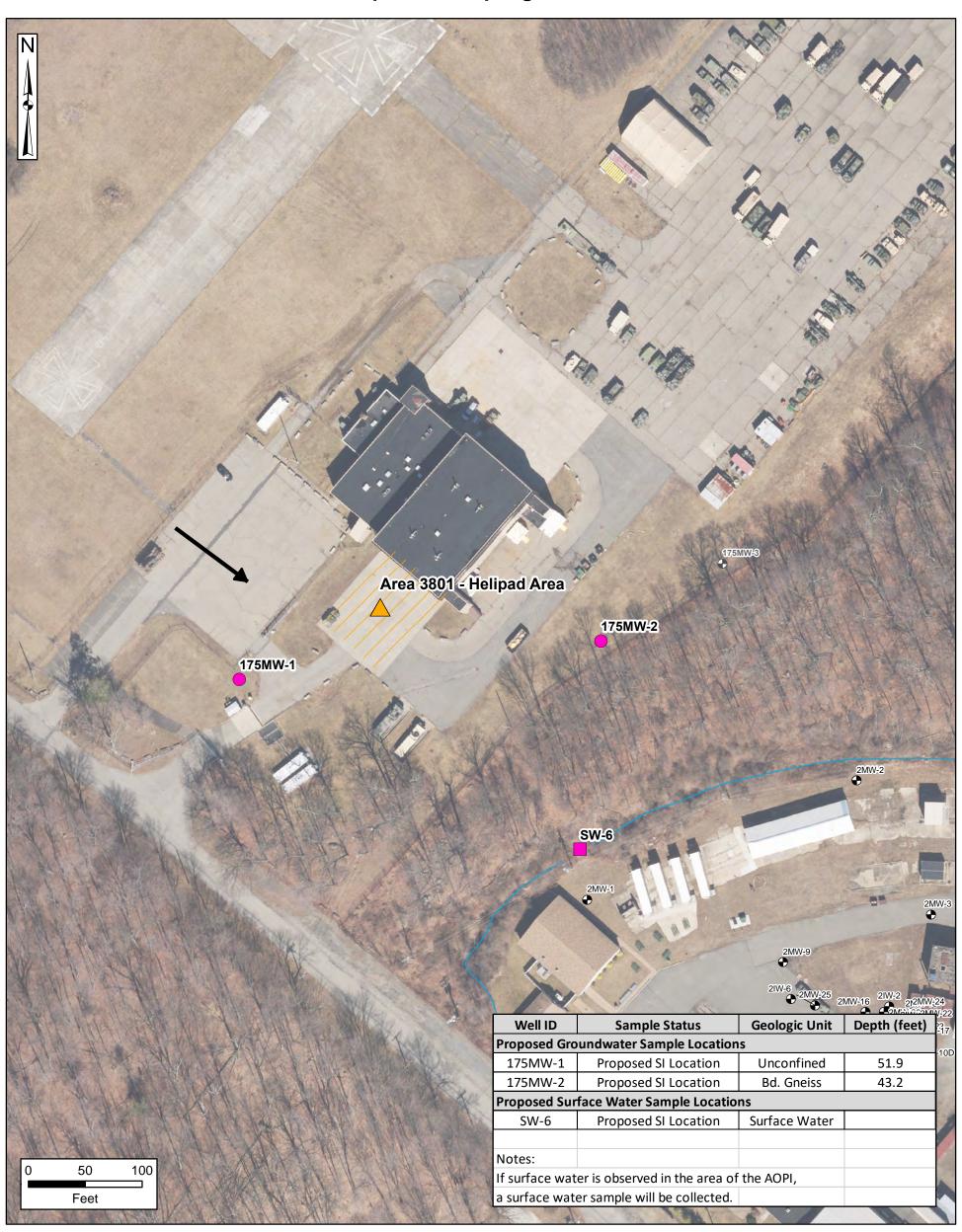
Assumed Groundwater Flow Direction

Groundwater Sampling Locations

Proposed Temporary Well Location



Figure 10 AOPI Building 3801 – NJARNG Helipad Area Proposed Sampling Locations





AOPI Location



AFFF Use Area

- Well
- Well (Abandoned / Not Located)
- Assumed Groundwater Flow Direction

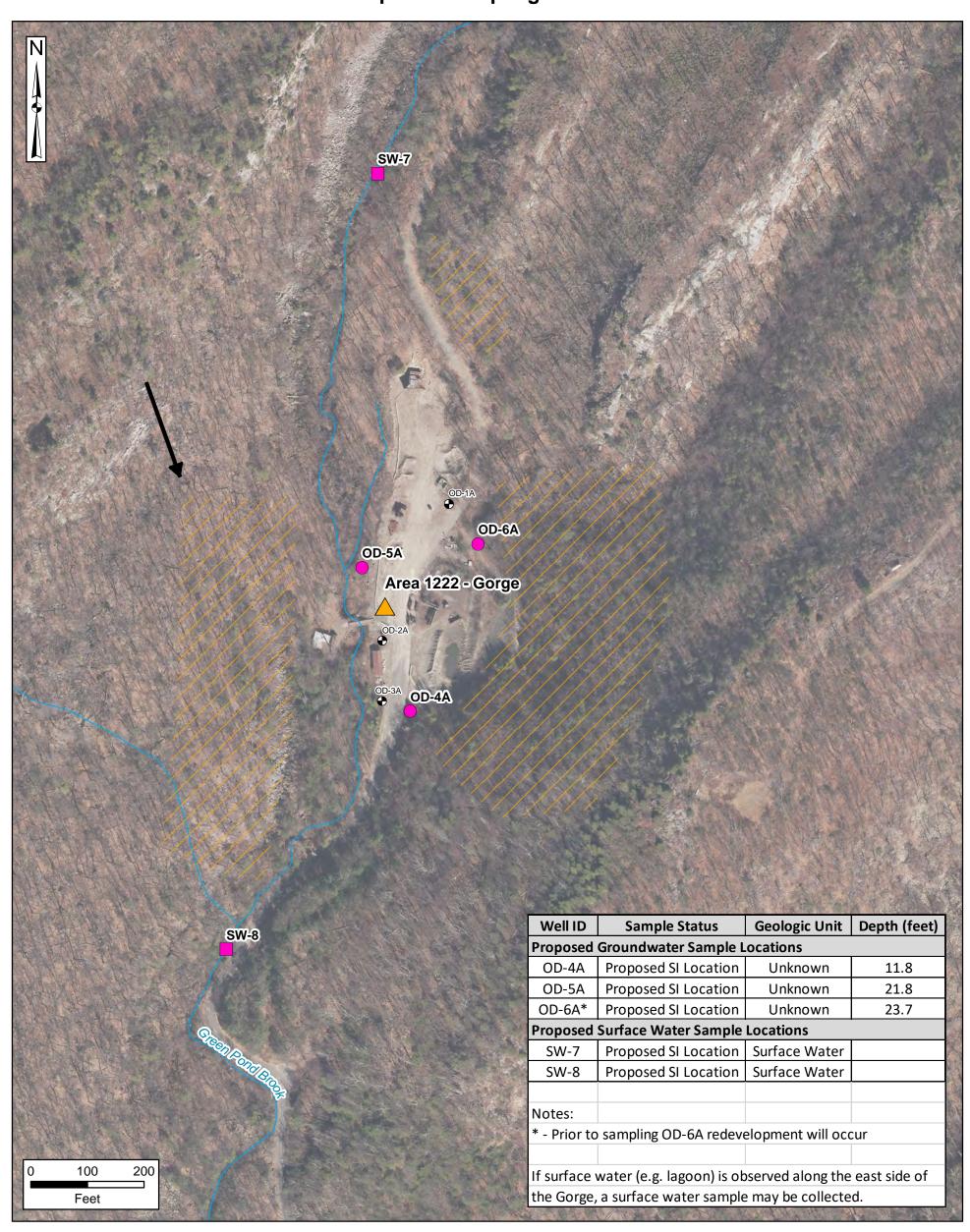
Groundwater Sampling Locations

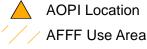
Proposed Sample Location for SI

Surface Water Sampling Locations



Figure 11 AOPI Area 1222 - Gorge Proposed Sampling Locations





Well

Assumed Groundwater Flow Direction

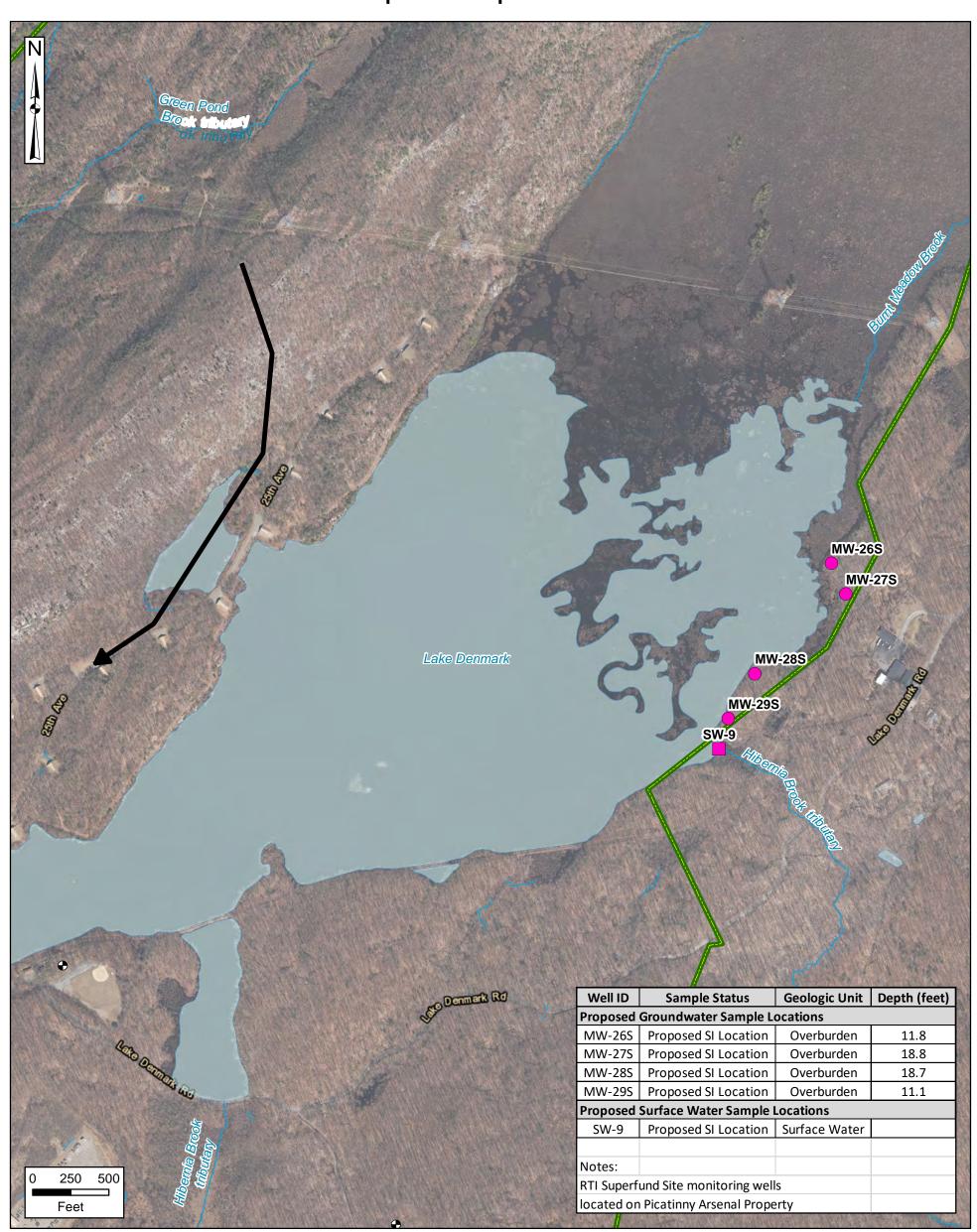
Groundwater Sampling Locations

Proposed Sample location for SI

Surface Water Sampling Locations



Figure 12 Eastern Boundary - On-Site Proposed Sample Locations





Groundwater Flow Direction

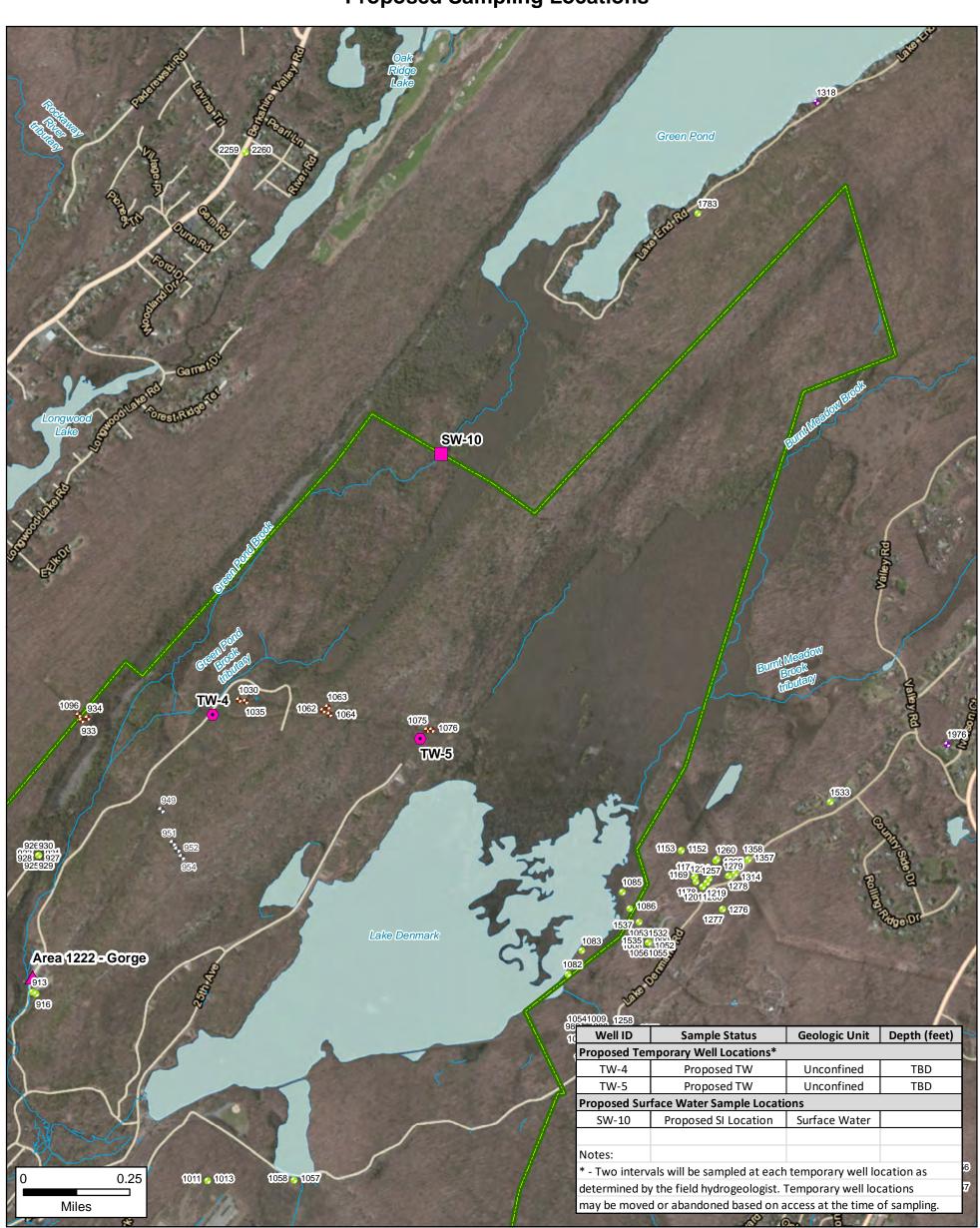
Groundwater Sampling Locations

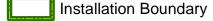
Proposed Sample Location for SI

Surface Water Sampling Locations



Figure 13 Northern Boundary Proposed Sampling Locations







AOPI Location



Water Body



River/Stream

- Environmental Well Not Potentially Potable
- Geothermal Well Not Potentially Potable
- Industrial Well Not Potentially Potable
- Well (Abandoned)

Groundwater Sampling Locations

Proposed Temporary Well

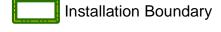
Surface Water Sampling Locations

Proposed Sample Location for SI



Figure 14 Mid-Valley Upgradient On-Site Proposed Sampling Locations





▲ AOPI Location

AFFF Use Area

River/Stream

Water Body

Elevation Contour (Index) (ft)

Elevation Contour (Intermediate) (ft)

Well

Groundwater Sampling Locations



Figure 15 Proposed Site-Wide Surface Water Sample Locations

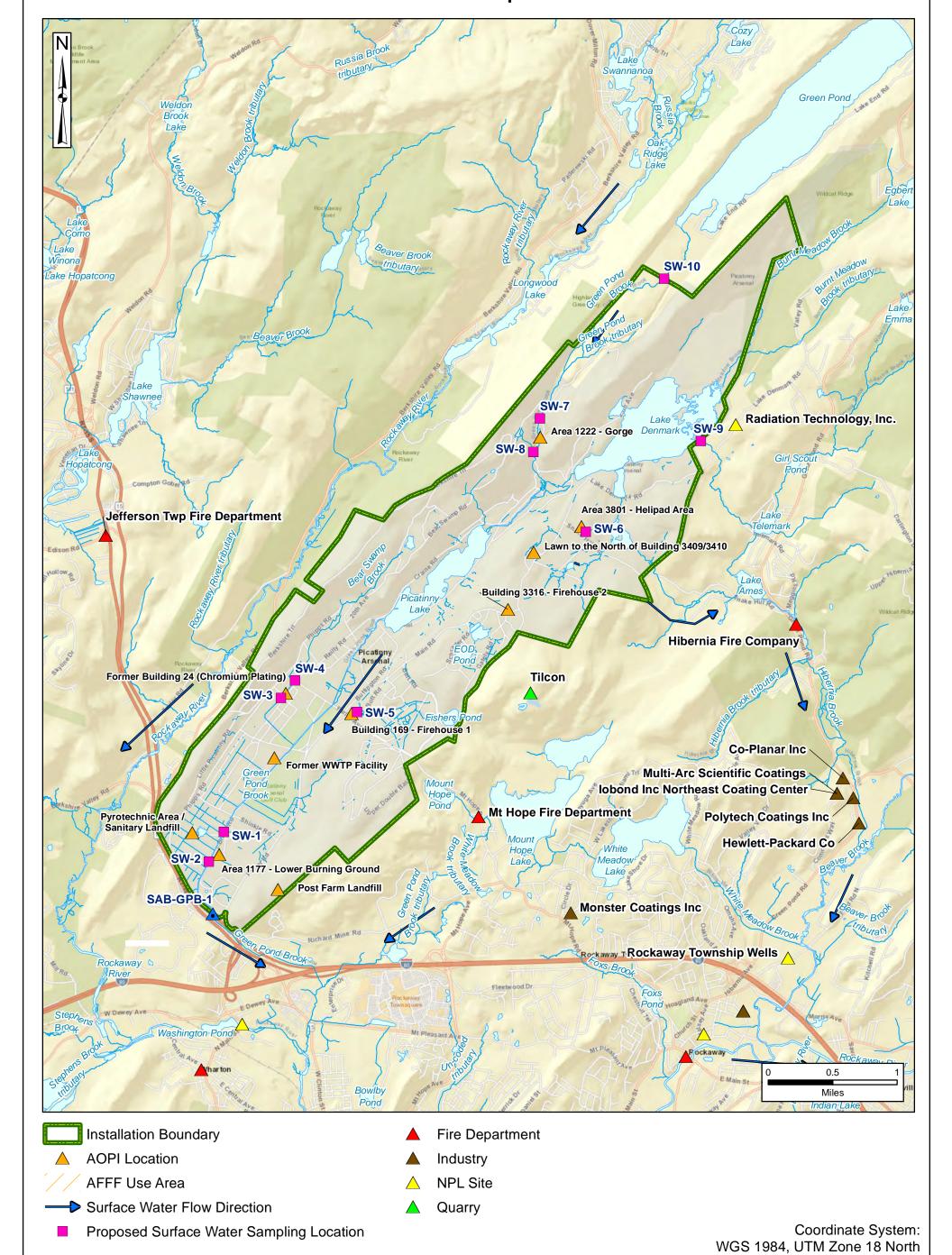




Figure 16 Southern Boundary Off-Site Proposed Sampling Locations

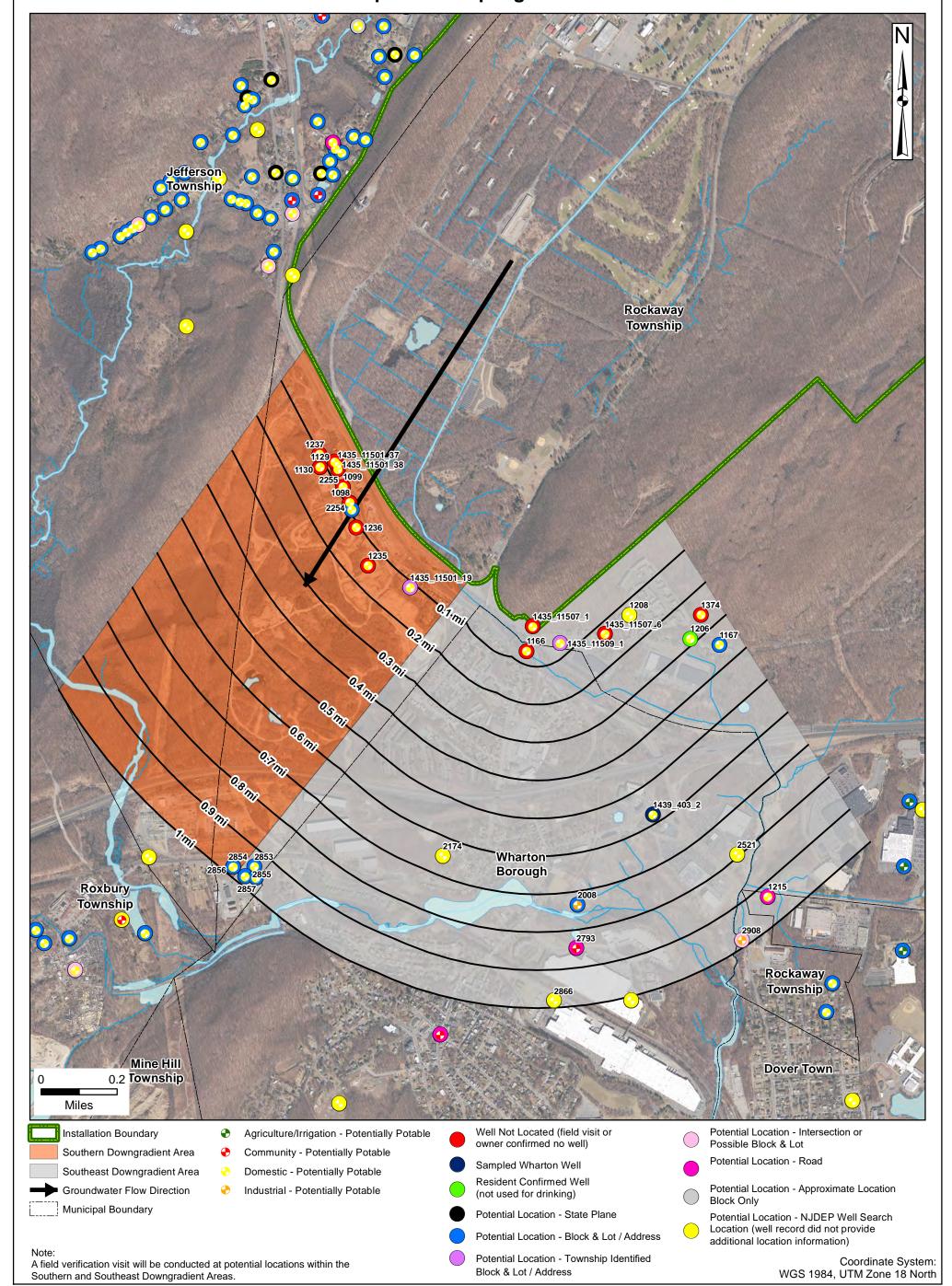
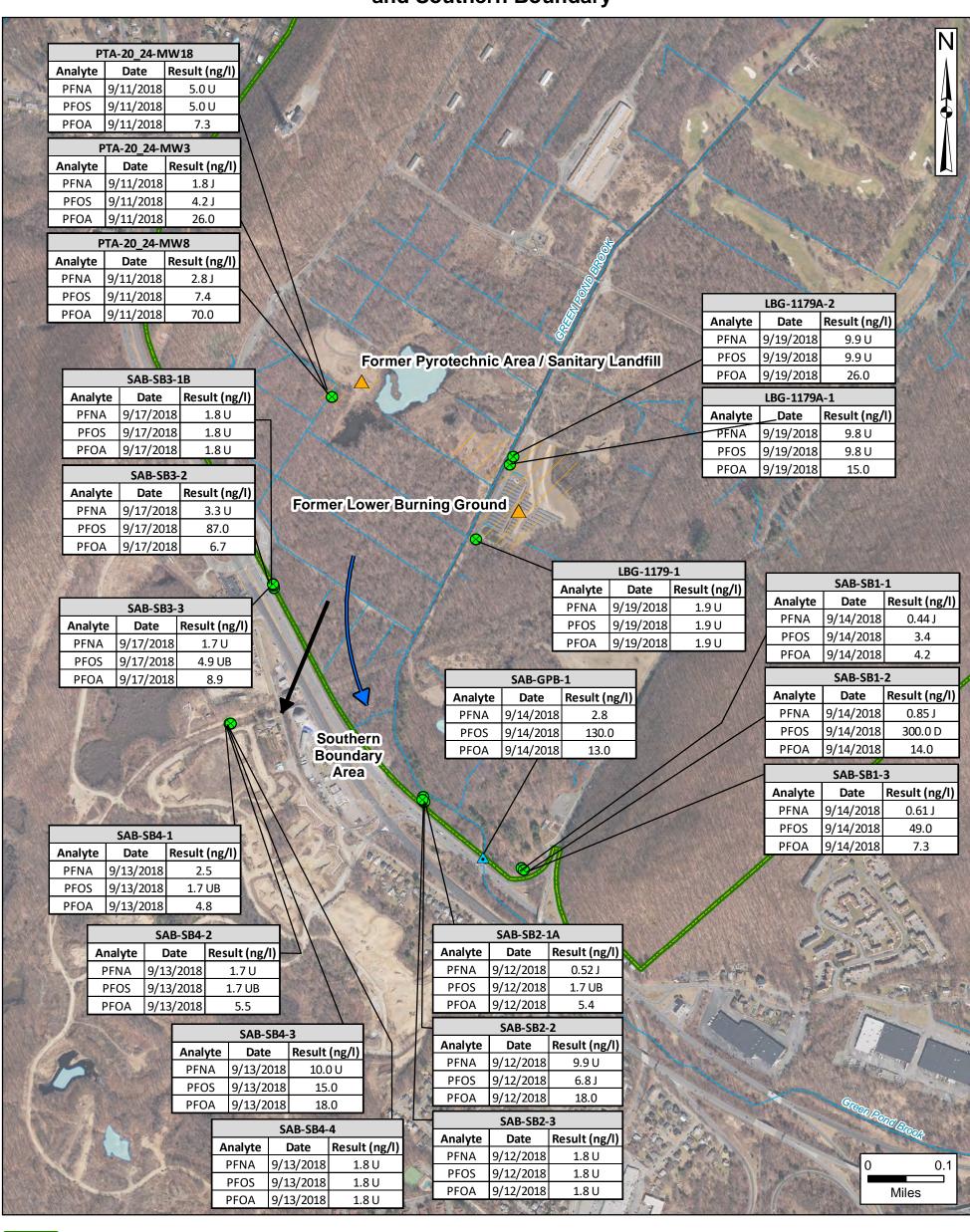




Figure 17 Pre-SI Sampling Former Pyrotechnic Area and Sanitary Landfill, Former Burning Grounds, and Southern Boundary





Installation Boundary



AOPI Location



AFFF Use Area

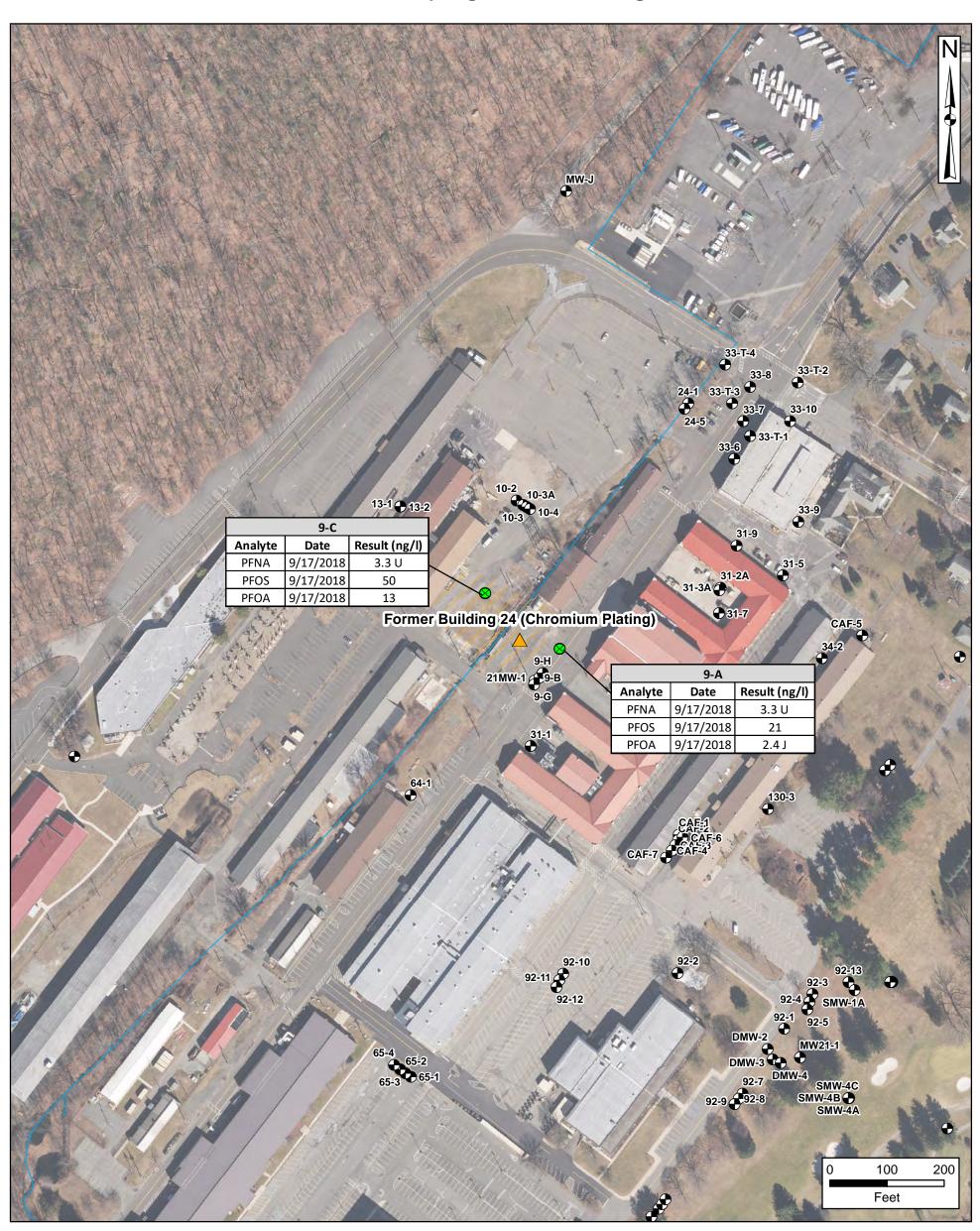
Surface Water Flow Direction



- Groundwater Sampling Location
- Surface Water Sampling Location



Figure 18 Pre-SI Sampling Former Building 24



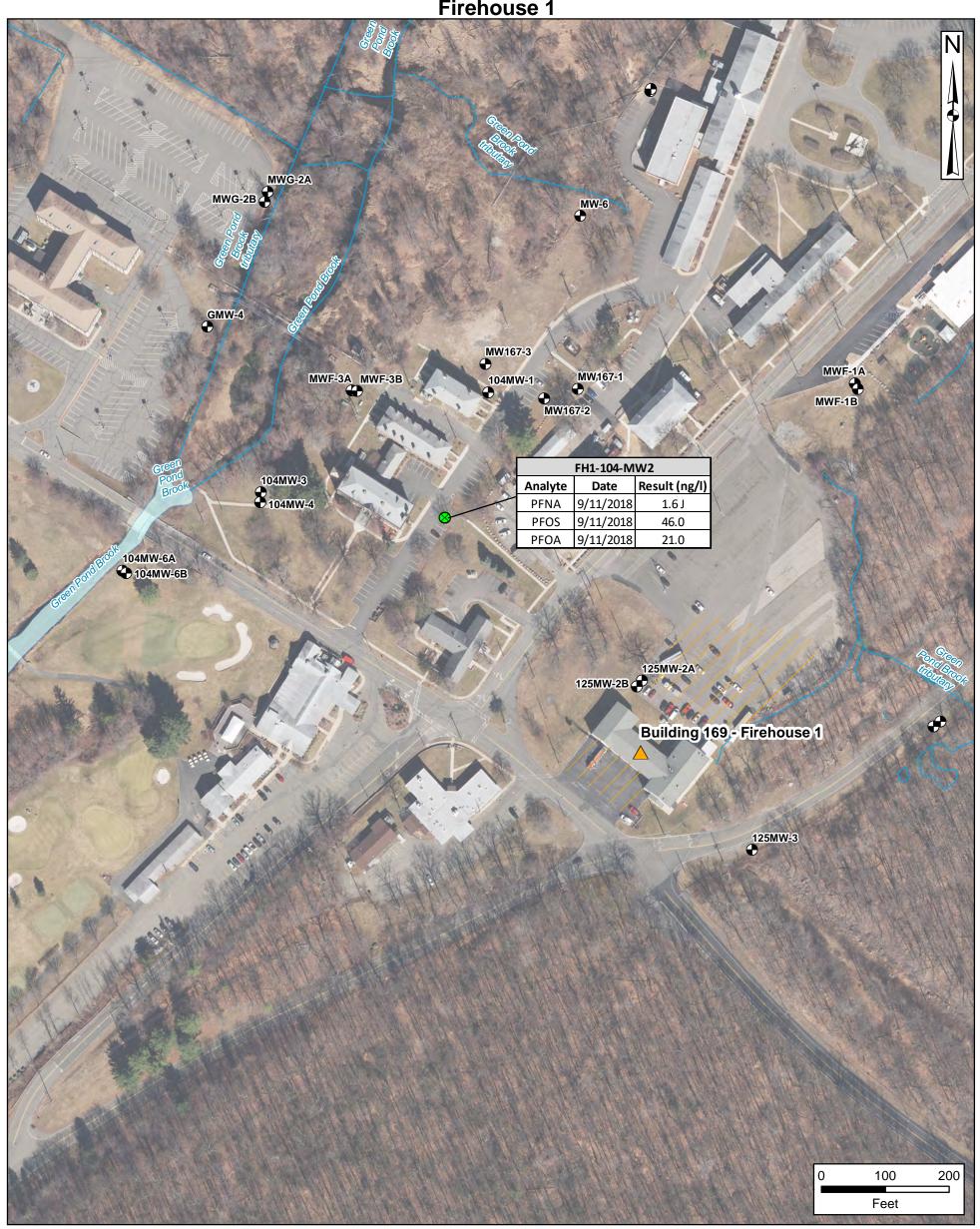
AOPI Location



- Monitoring Well
- Groundwater Sampling Location



Figure 19 Pre-SI Sampling Building 169 Firehouse 1



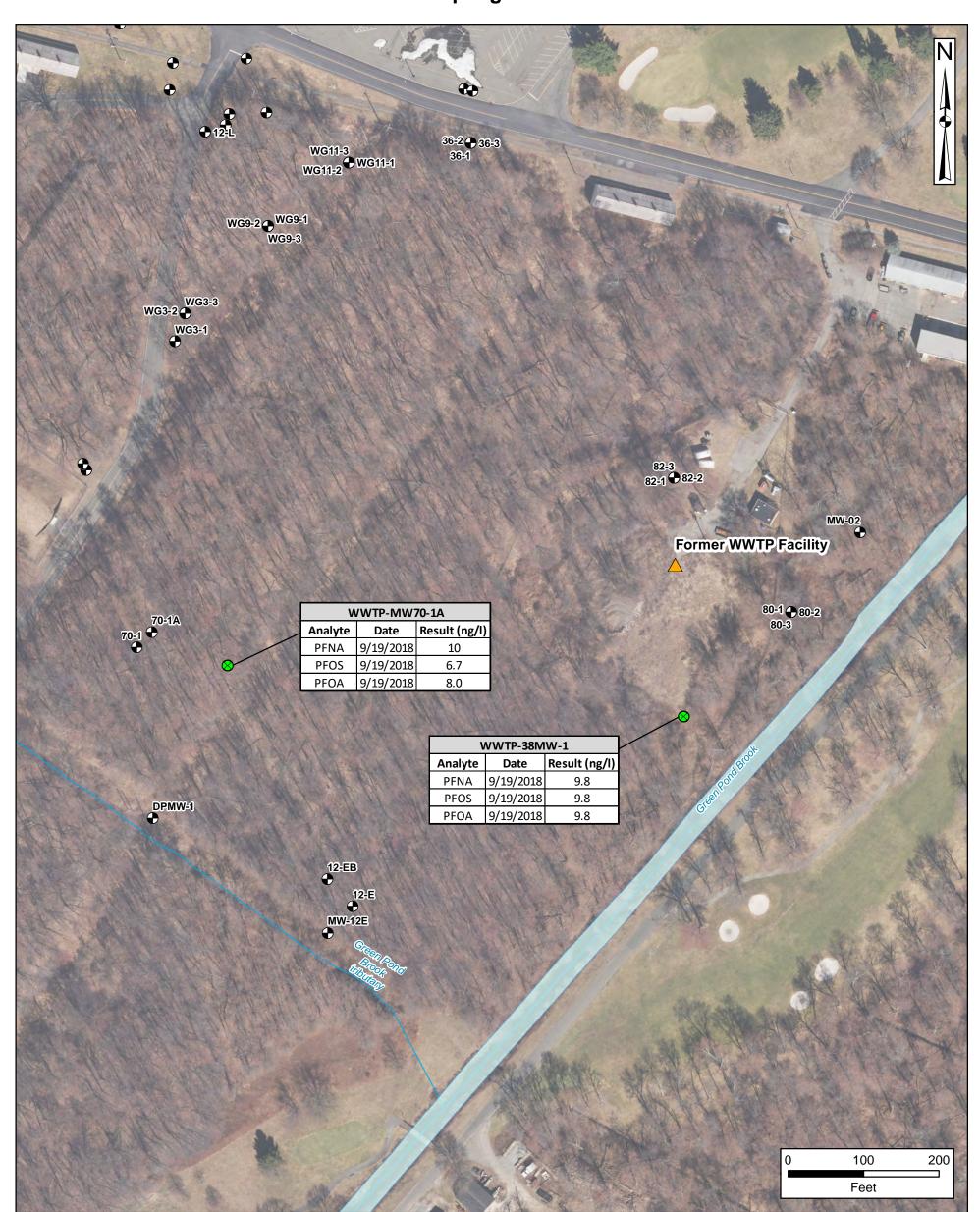
AOPI Location

/// AFFF Use Area

- Monitoring Well
- Groundwater Sampling Location



Figure 20 Pre-SI Sampling Former WWTP



- △ AOPI Location
- Monitoring Well
- Groundwater Sampling Location